5

## AUTOMATED SOFTWARE PRODUCTION SYSTEM

## ABSTRACT OF THE DISCLOSURE

An automated software production system is provided, in which system requirements are captured, converted into a formal specification, and validated for correctness and completeness. In addition, a translator is provided to automatically generate a complete, robust software application based on the validated formal specification, including user-interface code and error handling code.

Charaby portify that this correspondence as being deposited with the United States Postal Dervice as express mail in an envelope addressed to: Commissioner of this and Trademarks Washington D.C., 20231, on 12001. Express Mail Receipt No. E. 2.71963944345